



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Lothar Blossfeld **GROUP:** 2862
SERIAL NO: 09/747,503 **EXAMINER:** W.E. Snow
FILED: December 20, 2000
FOR: A TECHNIQUE FOR SENSING THE ROTATIONAL SPEED
AND ANGULAR POSITION OF A ROTATING WHEEL

Honorable Commissioner of Patents
and Trademarks
Alexandria, VA.

Sir:

AMENDMENT

This amendment is in response to the Official Action dated June 3, 2003. Please amend the application as follows:

IN THE CLAIMS:

Amend claims 5-7 and 17 and add claim 20 as follows:

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1.(Original) A method of detecting rotational speed and angular position of a rotating wheel with a non-contact sensor that provides a pulse train output signal, said method comprising:

comparing the amplitude of the pulses of the pulse train output signal with a first variable switching threshold value; and

adjusting said switching threshold value when the difference between the amplitudes of the pulses and said switching threshold value exceeds a fixable first maximum value.